

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:3321
ANSWERED ON:15.04.2002
SCHEME FOR FLOOD CONTROL
RAMDAS ATHAWALE

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether the Government have formulated or propose to formulate any scheme for flood control in the country especially in tribal dominated areas;
- (b) if so, the details thereof;
- (c) the details of financial and technical assistance provided by the Government to the States during the last three years, till-date; and
- (d) the achievements made so far in this regard, State- wise ?

Answer

THE MINISTER OF WATER RESOURCES (SHRI ARJUN CHARAN SETHI)

(a) to (d) Flood Management being a State subject, the responsibility of planning, funding, executing and operating of flood control schemes primarily rests with the concerned State Governments. The assistance rendered by the Central Government is technical, catalytic and promotional in nature. There is no Central scheme especially for tribal areas in flood sub sector. However, some of the flood sector schemes benefit the tribal areas also.

Ganga Flood Control Commission (GFCC) constituted by the Central Government in 1972 has prepared comprehensive plans for flood management for all the 23 river systems of Ganga basin. Similarly, the Brahmaputra Board constituted in 1982 has prepared Master Plans for the Brahmaputra & Barak rivers. These reports/Master Plans have been forwarded to respective State Governments for taking follow up actions on the recommendations made therein. Both short term and long term measures have been suggested in these plans.

The Government of India has constituted expert committees to study the problem of floods in the country. The Rashtriya Barh Ayog (RBA) set up in 1976 examined the problem in detail and submitted its report in 1980. The recommendations of R.B.A., which form the framework for flood management strategy in the country, were forwarded to all the State Governments for implementation. Expert Committees/Task Forces were constituted from time to time to examine the area/region specific problems relating to floods, whose recommendations were also sent to the respective State Governments for implementation. The Central Government has also set up 159 flood forecasting stations on major interstate rivers which give timely advance warning to flood affected regions in various states for mitigating flood damages.

The Planning Commission allocates funds for plan works in the State during each annual plan. The details of outlays under Flood Control Sub-Sector for the States during the last three financial years, i.e. 1999-2000 to 2001-02 are given in Annex.I. The details of Central Assistance either in the form of grant or Central Loan Assistance (CLA) are also indicated in Annex.I. The details of central share of Calamity Relief Fund (CRF) released during the years 1999-2000 to 2001-2002 are given in Annex.II.

The details of assistance provided to the States during 1999-2000 to 2001-02 from NFCR/NCCF for heavy rains/floods, drought and earthquake are given in Annex.- III. The assistance provided from National Fund for Calamity Relief (NFCR)/ National Calamity Contingency Fund (NCCF) is in addition to release of Central Share of CRF.

The details of Statewise achievements in flood control sub- sector in terms of area protected by way of construction of embankments, drainage channel, town/village protected and villages raised/protected are given in Annex.IV.

ANNEX - I

STATEMENTS SHOWING STATEWISE OUTLAYS AND CENTRAL ASSISTANCE UNDER FLOOD CONTROL SUB SE DURING 1999-2000 TO 2001-02.

(Rs. In crore)

Sl.N	Name of State/UT	1999-2000		2000-2001		2001-02	
Plan	Central Assista	Plan	Central Assista	Plan	Central Assista	Plan	Central Assista
Outlay	n	Outlay	n	Outlay	n	Outlay	n
1.	Andhra Pradesh	42.00	-	63.00	-	22.15	-
2.	Arunachal Pradesh	4.25	7.65++	3.50	10.00++	12.00	30.00++ 3.00+++
3.	Assam la) 5.00++	27.57 0.48@	15.00 (c	3.40 Nil 10.00+++ 0.26@		14.35	39.00++
4.	Bihar	110.00	5.18	103.00	13.522	110.00	19.80
5.	Goa	0.85	-	1.20	-	1.00	-
6.	Gujarat	5.00	-	5.30	-	5.00	-
7	Haryana	20.00	-	20.00	-	26.00	-
8.	Himachal Pradesh	8.12	-	7.90	-	13.00	-
9.	Kerala	24.00	-	22.50	-	23.00	-
10.	Maharashtra	0.99	-	0.70	-	1.00	-
11.	Meghalaya	3.00	-	3.00	-	3.00	-
12.	Mizoram	0.00	-	0.00	-	0.00	-
13.	Orissa	12.63	-	2.00	-	23.37	-
14.	Punjab	105.39	1.50@	142.00	1.50@	130.00	1.50@
15.	Rajasthan	3.35	-	1.90	-	11.00	-
16.	Sikkim	0.02	-	1.30	-	10.71	-
17.	Tamilnadu	17.77	-	22.10	-	18.00	-
18.	Uttar Pradesh	23.53	0.46	51.20	5.75	30.00	6.89
19.	West Bengal	165.30 1.02@	0.77@ 1.19@	130.90	6.50	112.20	11.38
20.	Chandigarh	0.00	-	0.00	-	0.00	-
21.	Delhi	20.00	-	21.30	-	23.00	-
22.	Lakshadweep	3.05	-	3.10	-	3.00	-
23.	Pondicherry	4.00	-	4.00	-	3.60	-
24.	Uttaranchal	-	-	-	1.00	-	-

+ Tentative

++ Non lapsable central pool of resources (ACA) released by Planning Commission.

+++ Additional Central Plan Assistance - released by Planning Commission.

@ Special Loan Assistance for emergent flood protection works in the Eastern and Western Sector

ANNEX - II

STATEMENT SHOWING STATEWISE DETAILS OF CENTRAL SHARE OF CALAMITY RELIEF FUND (CRF) RELEASED DURING 1999-2000 TO 2001-02

(Rs. In crore)

Sl.N	Name of State	1999-2000	2000-2001	2001-2002
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1.	Andhra Pradesh	107.69	148.54	196.91
2.	Arunachal Pradesh	6.10	9.02	9.47
3.	Assam	43.37	76.12	79.92
4.	Bihar	33.79	50.22	26.37
5.	Chhattisgarh	-	20.60	21.63
6.	Goa	0.93	0.47	-
7	Gujarat	121.05	131.14	117.01
8.	Haryana	21.73	60.98	64.03
9.	Himachal Pradesh	23.37	32.61	34.24
10.	J & K	17.09	26.18	-
11.	Jharkhand	-	42.52	-
12.	Karnataka	36.29	55.93	58.72
13	Kerala	48.04	17.34	86.04
14.	Madhya Pradesh	44.29	46.98	49.32
15.	Maharashtra	44.36	117.90	123.80
16.	Manipur	1.61	1.56	-
17.	Meghalaya	2.42	2.95	1.55
18.	Mizoram	1.10	1.12	-
19.	Nagaland	1.47	0.53	2.48
20.	Orissa	42.50	103.65	64.66
21.	Punjab	46.96	92.04	48.32
22.	Rajasthan	155.25	196.00	122.26
23.	Sikkim	4.08	2.95	4.95
24.	Tamilnadu	51.47	76.98	80.83
25.	Tripura	3.90	1.41	-
26.	Uttaranchal	-	7.10	29.93
27.	Uttar Pradesh	108.50	32.08	135.21
28.	West Bengal	44.50	75.83	39.81
Total		1011.86	1430.75	1397.45

ANNEX - III

STATEMENT SHOWING STATEWISE DETAILS OF ASSISTANCE PROVIDED DURING 1999-2000 TO 2001-02 FROM NFCR/NCCF IN THE WAKE OF HEAVY RAINS/FLOODS, DROUGHT AND EARTHQUAKES.

(Rs. In crore)

Sl.N o.	Name of State/UT	1999-2000	2000-2001	2001-02
1.	Andhra Pradesh	75.36	-	30.44
2.	Arunachal Pradesh	-	2.00	-
3.	Assam	-	-	-
4.	Bihar	38.18	29.67	-
5.	Chhattisgarh	-	40.00	

6.	Goa	-	-	42.88
7	Gujarat	54.58	585.00	994.37
8.	Haryana	-	-	-
9.	Himachal Pradesh	-	8.29	61.48
10.	J & K	73.42	-	23.20
11.	Jharkhand	-	-	-
12.	Karnataka	17.09	-	-
13.	Kerala	-	-	-
14.	Madhya Pradesh	38.86	35.00	22.72
15.	Maharashtra	-	-	-
16.	Manipur	4.93	-	-
17.	Meghalaya	-	1.00	-
18.	Mizoram	6.00	-	-
19.	Nagaland	-	-	-
20.	Orissa	828.15	35.00	114.62
21.	Punjab	-	-	-
22.	Rajasthan	102.93	85.00	78.97
23.	Sikkim	-	-	-
24.	Tamilnadu	-	-	-
25.	Tripura	5.34	-	-
26.	Uttaranchal	-	-	-
27.	Uttar Pradesh	-	-	-
28.	West Bengal	29.52	103.25	-

NFCR - NATIONAL FUND FOR CALAMITY RELIEF.
NCCF - NATIONAL CALAMITY CONTINGENCY FUND.
+ FOR FLOODS/CYCLONES
++ FOR DROUGHT AND EARTHQUAKE

ANNEX - IV

STATEMENT SHOWING STATEWISE DETAILS OF PROGRESS OF PHYSICAL WORKS UNDER FLOOD MANAGE- PROGRAMME.

(As on March 2000)

Sl.No	Name of State/UT	Length of village s	Length of benefit project raised/ ed in protect m.ha.	Town/ Village	Area	
	of embankme nt (km)	of draina ge (Nos.)	of project ed (Nos.)	ed in		
	channe l (km)					
1.	Andhra Pradesh	2100	13569	68	21	0.5400
2.	Arunachal Pradesh	2	-	-	-	-
3.	Assam	4454	851	660	-	1.6357
4.	Bihar	3454	365	47	-	2.9490
5.	Chhattisgarh	Included in Madhya Pradesh				
6.	Delhi (NCT)	83	453	-	-	0.0780
7	Goa	10	12	4	6	0.0001
8.	Gujarat	104.12	271	805	30	0.4827

9.	Haryana	1144	4385	448	98	2.0000
10.	Himachal Pradesh	58	11	-	-	0.0097
11.	J & K	230	14	12	5	0.2173
12.	Jharkhand	Included		in		Bihar
-						
13.	Karnataka	-	-	-	-	0.0008
14.	Kerala	116.70	29	4	6	0.0555
15.	Madhya Pradesh	26	-	37	-	0.0040
16.	Maharashtra	26	-	26	-	0.0010
17.	Manipur	360	126	1	1	0.1300
18.	Meghalaya	112	-	8	2	0.0011
19.	Mizoram	1	1	-	-	-
20.	Nagaland	-				-
21.	Orissa	6515	131	14	29	0.4800
22.	Punjab	1370	6622	3	-	3.1900
23.	Rajasthan	145	197	25	-	0.0816
24.	Sikkim	7	12	6	-	0.0020
25.	Tamil Nadu	87	19	46	4	0.1220
26.	Tripura	133.30	94	11	-	0.025
27.	Uttar Pradesh	2681	3593	64	4511	1.5990
28.	Uttaranchal	Included	in Uttar Pradesh			-
29.	West Bengal	10350	7129	48	-	2.2005
30.	A&N Islands	-				-
31.	Chandigarh	-	-	-	-	-
32.	Dadra & Nagar Haveli	-	-	-	-	-
33.	Daman & Diu	-	-	-	-	-
34.	Lakshadweep					
35.	Pondicherry	61	20	-	-	0.0040